

ABSTRACT OF THE DISCLOSURE**A DEVICE FOR MANAGING PARAMETER MEASUREMENT IN END-TO-END TYPE DATA STREAMS IN A MULTIDOMAIN COMMUNICATION NETWORK**

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A device (D) is dedicated to managing the measurement of parameters in end-to-end data streams in a communication network (N) composed of at least two domains (Ai) coupled together and each equipped with a measuring appliance (Mi) delivering local measurements representing the parameter values of local end-to-end type data streams, where the measuring appliances (Mi) are implementing different measuring processes. The device (D) includes, firstly, monitoring means (MM) which are responsible for ordering the institution of a specific measurement configuration in each measuring appliance in accordance with at least its measuring process and with overall measurement specifications, and secondly, calculation

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means (CM) which are responsible for delivering first data representing the parameter values of end-to-end type data streams from local measurements delivered by the configured measuring appliances (Mi).